

SPECIAL PACKAGING INSTRUCTION

Form Approved
OMB No. 0704-0188

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1. PART OR DRAWING NO. NOMENCLATURE 9390000 CARBINE, M4			2. CODE INDENT 19200		3. SPI NO. (AM) P9390000	
4. NATIONAL STOCK NO. 1005-01-231-0973			5. DATE OF DRAWING/SPI (YYMMDD) 03-08-21		6. REVISION / ERR NO. C/H3K2054	
7. QUP / UNIT OF ISSUE 1/EA	8. ICQ 50	9. UNIT PACK WT. (LB) (0.0) 8.6	10. UNIT PACK CU (CU. FT.)(0.000) 0.881		11. UNIT PACK SIZE (INCHES)(00.0) 40.8 X 9.7 X 3.7	
			18. STEPS	19. REQD	20. DESCRIPTION	
12. MILITARY PRESERVATION MIL-STD-2073-1, METHOD 33			1(A)	AR	PRESERVATIVE, MIL-PRF-32033	
			2	1	7266299 VCI TREATED BORE TUBE (M4)	
13. CLEANING *			3(B)	AR	BAG, VCI, MIL-B-22020	
			4(C)	2	BLOCKING, ASTM D4727	
14. DRYING *			5(D)	1	CONTAINER, ASTM D5118, ST-RSC, GR-W5c, CL-WR	
			6		CLOSURE, ASTM D1974, SEALING METHOD B	
15. PACKING						
a. LEVEL A						
MIL-STD-2073-1, SEE NOTE E.						
b. LEVEL B						
MIL-STD-2073-1, SEE NOTE E.						
16. MARKING						
MIL-STD-129, SEE NOTE F.						

17. NOTES/DRAWING

* UNLESS OTHERWISE SPECIFIED, CLEANING AND DRYING SHALL BE IN ACCORDANCE WITH PARAGRAPH 5.2.1 OF MIL-STD-2073-1. THE RIFLE SHALL BE DISASSEMBLED AS NECESSARY TO ACCOMPLISH THE SPECIAL CLEANING OF BURNED POWER RESIDUE. SURFACES OF COMPONENTS SUBJECTED TO BURNED POWDER RESIDUES SUCH AS THE BOLT AND BOLT CARRIER ASSEMBLY, FIRING PIN, BARREL BORE AND CHAMBER, ETC., SHALL BE SCRUBBED CLEAN WITH BRISTLE BRUSHED AND/OR SWABS SATURATED WITH RIFLE BORE CLEANER CONFORMING TO MIL-PRF-372. FLUSH THE SCRUBBED SURFACES WITH SOLVENT CONFORMING TO P-D-680. ALL CLEANED SURFACES SHALL BE THOROUGHLY DRIED PRIOR TO PRESERVATIVE APPLICATION. DRYING SHALL BE WITH PREPARED COMPRESSED AIR, EXCEPT FOR THE BARREL BORE, CHAMBER AND FLASH SUPPRESSOR, WHICH SHALL BE DRIED BY WIPING WITH CLEAN, LINT-FREE SWABS. WEIGHT AND SIZES ARE ESTIMATED AND MAY VARY SLIGHTLY.

INTERMEDIATE PACKAGING AND PACKING WILL BE IN ACCORDANCE WITH SPECIFICATION MIL-STD-2073-1 OR AS OTHERWISE SPECIFIED HEREIN.

A) ALL METALLIC SURFACES OF THE RIFLE SHALL BE COATED WITH MIL-PRF-32033, APPLIED BY BRUSHING OR SPRAYING. EXCESS OIL SHALL BE THOROUGHLY DRAINED FROM THE COATED SURFACES. THE PRESERVED RIFLE SHALL BE ALLOWED TO DRAIN FOR A MINIMUM OF ONE HOUR PRIOR TO CONTINUING WITH THE PACKAGING PROCESS.

B) INSERT VCI BORE TUBE INTO BARREL. ASSURE THAT THE HAMMER IS IN THE FIRED POSITION (AGAINST THE BOLT CATCH), AND THE FIRING PORT COVER IS LATCHED SHUT. INSERT RIFLE INTO BAG, EXHAUST EXCESS AIR, AND SEAL BAG CLOSE. BAG SHALL BE MIL-B-22020. COMPATIBILITY TEST OF MIL-I-8574 IS REQUIRED.

C) DESIGN AND FABRICATE/ASSEMBLE FROM SHEET STOCK/AND OR DIE CUTS BLOCKING TO IMMOBILIZE RIFLE IN BOX. BLOCKING SHALL BE FIBERBOARD, TYPE CF, GRADE 275, VARIETY SW. SEE FIGURES 1 AND 2 FOR BLOCKING.

D) INSERT RIFLE WITH BLOCKING INTO BOX. BOX INSIDE DIMENSIONS: 41" X 9.5" X 3.5". MANUFACTURER'S JOINT SHALL BE SECURE WITH METAL FASTENERS. **NOTE:** SERIAL NUMBER MUST BE FACING UP. MAGAZINE, SLING, AND TECHNICAL MANUAL SHALL BE INDIVIDUALLY PACKAGED METHOD 33 IN A SEALED WATERPROOF BAG AND INSERTED INTO BOX. SEE FIGURE 3.

E) PACKING: A QUANTITY OF 50 UNIT CONTAINERS SHALL BE PACKED (PACK FLAT, 5 PER LAYER, 10 LAYERS HIGH) IN A MINIMUM SIZE SHIPPING CONTAINER. LEVEL A PACK SHALL BE IN A ASTM D 6251 CONTAINER STYLE A,B,I OR J, TYPE OS, GRADE B. CLOSURE SHALL BE IN ACCORDANCE WITH ASTM D6251.

WSC: HF ITEM SIZE: 35.50 X 9.00 X 3.00 ITEM WEIGHT: 7.75 APPROVED: Vishwa N. Khanna

STATEMENT A, UNLIMITED

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17. NOTES / DRAWINGS CONTINUED

LEVEL B PACK SHALL BE IN AN ASTM D5168 STYLE E, WEATHER RESISTANT (WR) CONTAINER. CLOSURE SHALL BE IN ACCORDANCE WITH ASTM D5168. THE LEVEL B PACK CONTAINER SHALL BE SECURED TO AN EXPENDABLE PALLET SIZED TO MATCH THE CONTAINER. THE SAME TYPE OF METALLIC STRAPPING SELECTED TO REINFORCE THE CONTAINER SHALL BE USED TO SECURE THE CONTAINER TO THE PALLET. ODD QUANTITIES: FOR QUANTITIES LESS THAN SPECIFIED, ADJUST THE SIZE OF THE SHIPPING CONTAINER TO OBTAIN MINIMUM CUBE.

ALL NON-MANUFACTURED WOOD USED IN PACKAGING SHALL BE HEAT-TREATED TO A CORE TEMPERATURE OF 56 DEGREES CELSIUS FOR A MINIMUM OF 30 MINUTES. THE BOX/PALLET MANUFACTURER AND THE MANUFACTURER OF WOOD USED AS INNER PACKAGING OR PALLET GATE/FILLER ASSEMBLIES SHALL BE AFFILIATED WITH AN INSPECTION AGENCY ACCREDITED BY THE BOARD OF REVIEW OF THE AMERICAN LUMBER STANDARD COMMITTEE. EACH BOX/PALLET OR OTHER PACKING MATERIAL SHALL BE MARKED TO SHOW THE CONFORMANCE TO THE INTERNATIONAL PLANT PROTECTION CONVENTION STANDARD. BOXES/PALLETS AND ANY OTHER WOOD PACKING MATERIAL MADE OF NON-MANUFACTURED WOOD SHALL BE CERTIFIED HEAT-TREATED. THE QUALITY MARK SHALL BE PLACED ON BOTH ENDS OF THE OUTER PACKAGING, BETWEEN THE END CLEATS OR END BATTENS; ON TWO SIDES OF THE PALLET OR OTHER PACKING MATERIAL.

F) MARKING: MARKING OF UNIT AND EXTERIOR CONTAINERS SHALL BE IN ACCORDANCE WITH MIL-STD-129. PACKING LISTS ARE REQUIRED. SERIAL NUMBER MARKINGS ARE REQUIRED. SENSITIVE ITEM MARKING IS REQUIRED.

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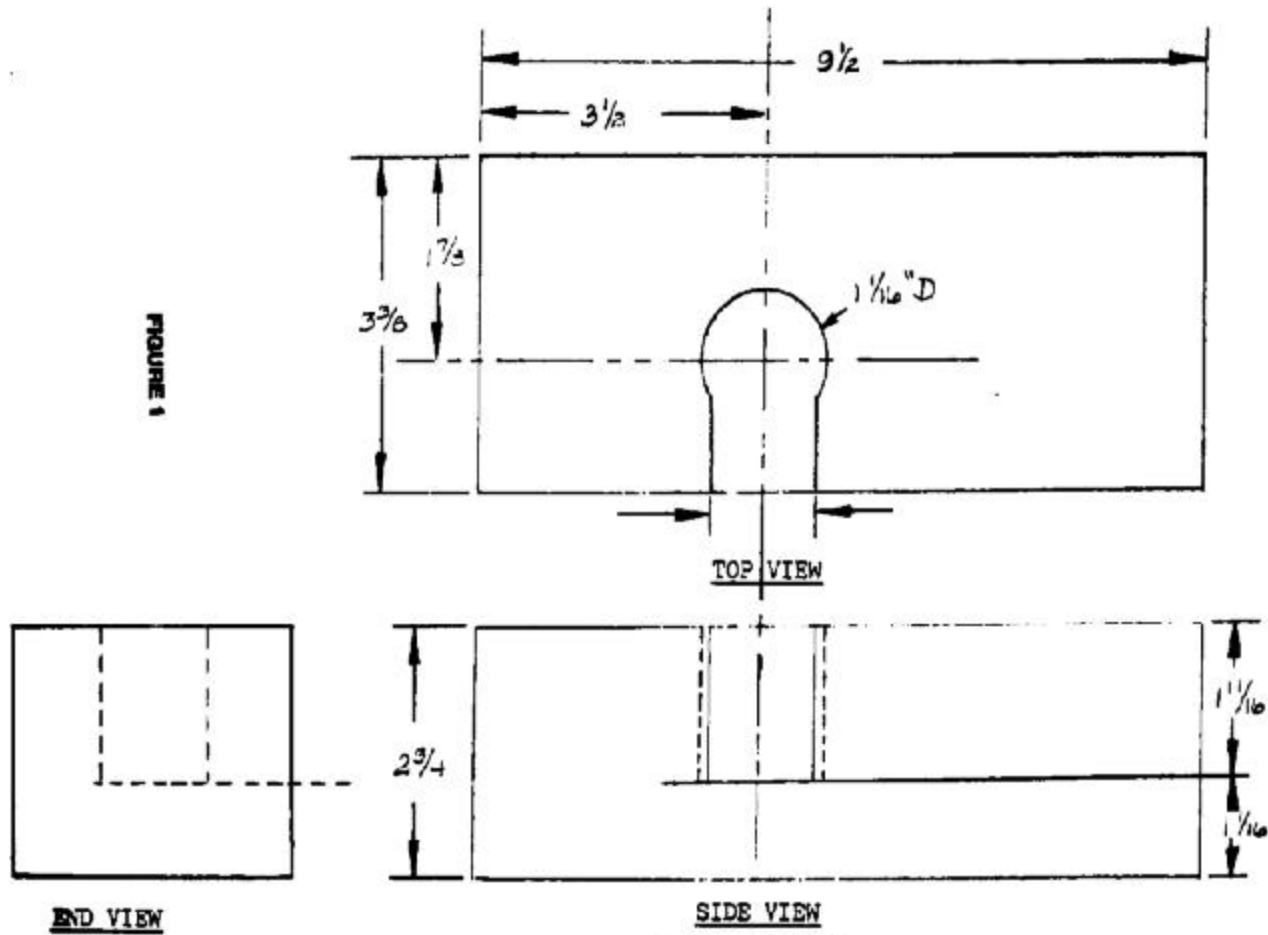
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17. NOTES / DRAWINGS CONTINUED



Barrel Blocking:

1. Material: Fiberboard, ASTM D4727
2. Dunnage shall be constructed of as many thicknesses of fiberboard as may be required. Laminate in accordance with ASTM D4727.

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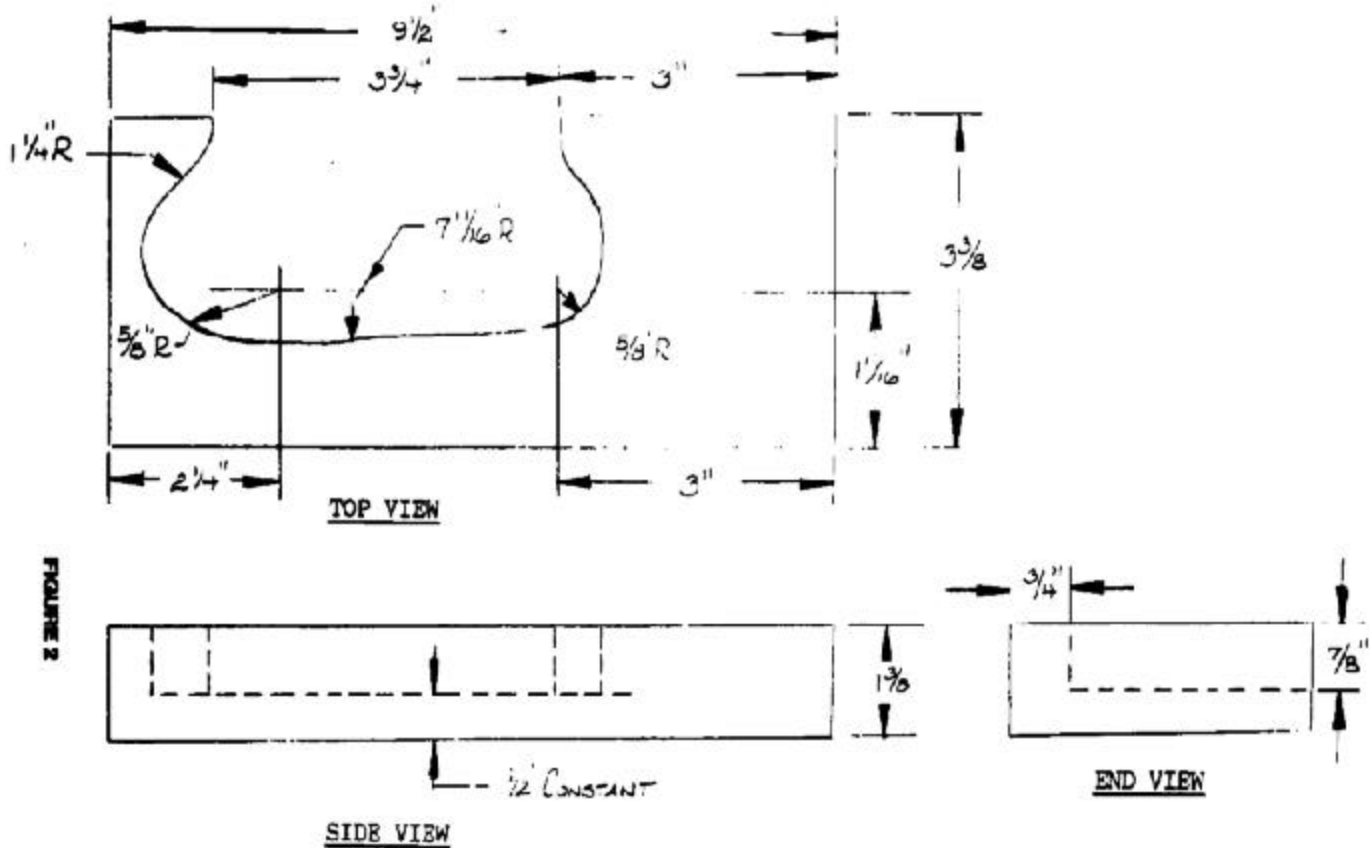
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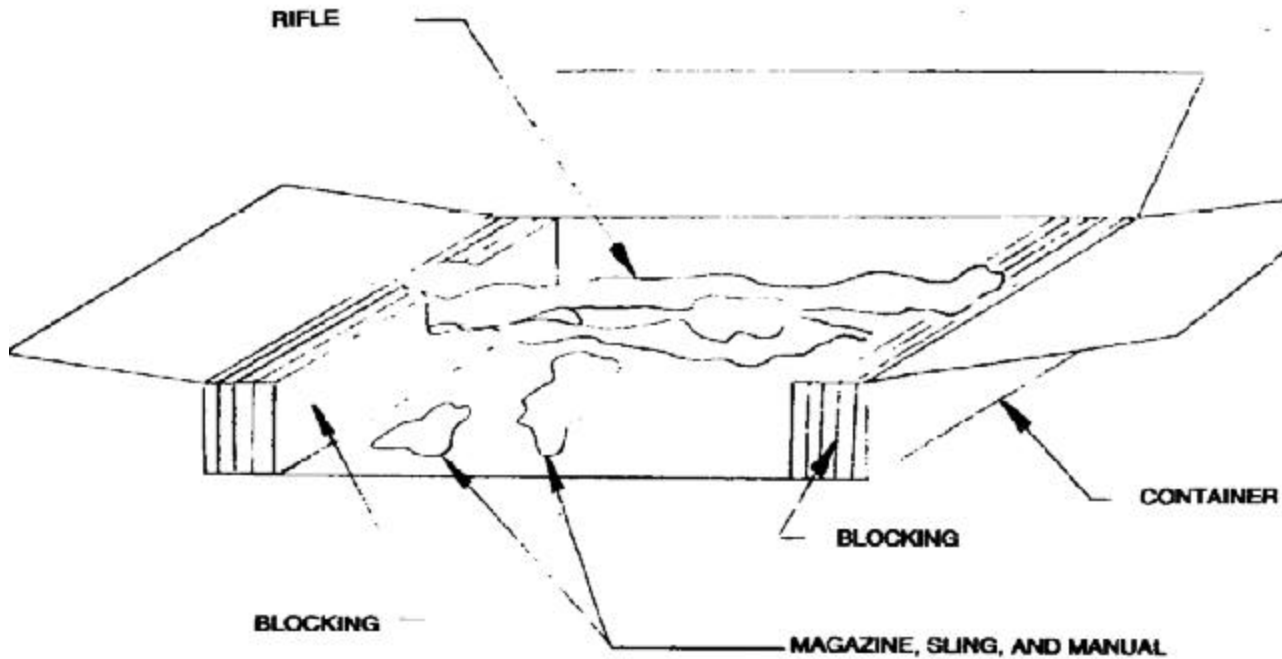


FIGURE 3

